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PATENT
Docket No.: 19603/448 (CRF D-1593C)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s) : Barany et al.

Serial No. : 09/918,156

Cnfrm. No. : 4406

Filed : July 30, 2001

For : DETECTION OF NUCLEIC ACID
SEQUENCE DIFFERENCES USING
COUPLED LIGASE DETECTION AND
POLYMERASE CHAIN REACTIONS

Examiner:
K. Horlick

Art Unit:
1637

AMENDMENT

U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202
Box:

Dear Sir:

In response to the June 17, 2002, office action, please amend the above-identified patent application as follows:

In The Claims:

Please cancel claims 29-33 and 51-54.

Please add new claims 55-70 as follows:

55. A method according to claim 10, wherein the ligation product sequence of the oligonucleotide probes in each particular set generates an extension product of unique length, said method further comprising:
separating the extension products by size or electrophoretic mobility, wherein said distinguishing differentiates the extension products which differ in size.

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